

SUPPLEMENTAL DRILLING DATA  
NEARBURG PRODUCING COMPANY  
DAGGER DRAW 31 FEDERAL WELL NO. 2

RECEIVED

JUN 29 10 32 AM '90

CAT

AREA

1. SURFACE FORMATION:

Dockum Group of Triassic Age.

2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

San Andres.....600'  
Glorieta.....2,100'  
Bone Springs.....3,430'  
Wolfcamp Limestone.....5,440'  
Canyon Limestone.....7,550'  
Top Dolomite.....7,650'  
Bottom Dolomite.....7,800'  
TD.....8,000'

3. ANTICIPATED POSSIBLE HYDROCARBON BEARING ZONES:

Wolfcamp Carbonate.....5,950'  
Canyon Dolomite.....7,650'

4. CASING AND CEMENTING PROGRAM:

<u>Casing Size</u>	<u>Setting Depth</u> <u>From To</u>	<u>Weight</u>	<u>Grade</u>	<u>Joint</u>
13-3/8"	0' 450'	48#	J-55	ST&C
9-5/8"	0' 1,350'	36#	J-55	ST&C
7"	0' 8,000'	23# & 26#	J-55	ST&C

Equivalent or adequate grades and weights of casing may be substituted at time casing is run, depending on availability.

13-3/8" casing will be cemented with 475 sx or volume necessary to circulate.

NOTE: We plan to drill a 12-1/4" hole to equal 450'. If hole conditions permit we will then continue drilling a 12-1/4" hole from 450' - 1350' and run 9-5/8" casing and circulate cement. If hole conditions do not allow us to drill on from 450', we will open the surface hole to 17-1/2", run 13-3/8" to 450' and cement to surface, and drill a 12-1/4" hole to 1350' and run and cement 9-5/8" casing.

9-5/8" casing will be cemented with 775 sx or volume necessary to tie back into 13-3/8".

7" production casing will be cemented with approximately 950 sx of Class "H" 50/50 POZ.